|   | Index of Claims |          |              |           |          |          |          |          |          |          |                            |          |          |                 | plic      | olication/Control No. |               |              |              |               |                   |     |              |            |                    | Applicant(s)/Patent under Reexamination |             |              |              |         |          |              |          |
|---|-----------------|----------|--------------|-----------|----------|----------|----------|----------|----------|----------|----------------------------|----------|----------|-----------------|-----------|-----------------------|---------------|--------------|--------------|---------------|-------------------|-----|--------------|------------|--------------------|---|-------------|--------------|--------------|---------|----------|--------------|----------|
|   |                 |          |              |           |          |          |          |          |          |          |                            |          |          |                 |           |                       | 10/613,131    |              |              |               |                   |     |              |            |                    |   | YANG ET AL. |              |              |         |          |              |          |
|   |                 |          |              |           |          |          |          |          |          |          |                            |          |          |                 |           | Ex                    | Examiner      |              |              |               |                   |     |              |            |                    | Art Unit                                |             |              |              |         |          |              |          |
|   |                 | 116616   |              |           | 8 8 11   | 81 IN    |          |          |          |          |                            |          |          |                 |           | Th                    | Thuan D. Dang |              |              |               |                   |     |              |            | 1764               |   |             |              |              |         |          |              |          |
|   | √ Rejected      |          |              |           |          |          |          |          |          |          | - (Through numer Cancelled |          |          |                 |           | l)                    |               |              | N            | Nor           | n-Ele             | ect | ted          |            |                    | Appeal                                  |             |              |              |         |          |              |          |
|   |                 |          | =            | = Allowed |          |          |          |          |          | ÷        | Restricted                 |          |          |                 |           |                       |               | I            | Inte         | erfer         | ren               | nce |              |            | Objected           |   |             |              |              |         |          |              |          |
|   | Cla             | im       | Date         |           |          |          |          | 2        |          |          |                            | Claim    |          |                 |           | Dat                   |               |              | e            |               |                   | [   | Claim        |            |                    | Date                                    |             |              |              |         | ]        |              |          |
|   | Final           | Original | 9/19/05      |           |          |          |          |          |          |          |                            | Final    | Original |                 |           |                       |               |              |              |               |                   |     | Final        | Original   |                    |   |             |              |              |         |          |              |          |
|   |                 | 1        | V            |           | $\vdash$ | $\dashv$ | -        | -        | _        | -        | -                          |          | 51       | H               | +         | +                     | +             | +            | +            | +             | $\dashv$          |     |              | 101        | $\vdash$           | $\dashv$                                | $\dashv$    | $\dashv$     | +            | +       | +        | +            |          |
|   |                 | 2        | İ            |           |          |          |          |          |          |          |                            |          | 52       |                 | $\perp$   | $\downarrow$          |               | 1            |              | 土             | 口                 |     |              | 102        |                    |   |             | 士            |              |         |          |              | <u> </u> |
|   |                 | 3        | Ш            |           |          |          | $\dashv$ |          | _        | $\vdash$ | 4                          |          | 53<br>54 | $\sqcup$        | $\dashv$  | +                     | +             | +            | +            | +             | $\sqcup$          |     |              | 103<br>104 |                    | 4                                       | $\dashv$    | $\dashv$     | +            | +       | +        | -            |          |
|   |                 | 5        |              |           | Н        |          |          |          |          | $\dashv$ | -                          |          | 55       | $\vdash$        | $\dashv$  | $\dagger$             | +             | +            | ╅            | +             | $\forall$         |     |              | 105        | Н                  | $\dashv$                                | $\dashv$    | $\dashv$     | +            | +       | +        | +            | 1        |
|   |                 | 6        |              |           |          |          |          |          |          |          |                            |          | 56       |                 | $\Box$    | $\downarrow$          | Ţ             | Ţ            | $\downarrow$ | $\bot$        | $\Box$            |     |              | 106        |                    |   | $\Box$      | $\Box$       | $\Box$       | $\bot$  |          | lacksquare   |          |
|   |                 | 8        | Н            |           | -        |          | -        |          | $\dashv$ | $\dashv$ | -                          |          | 57<br>58 | $\vdash$        | +         | ╬                     | +             | ╁            | +            | +             | +                 |     | <del>-</del> | 107<br>108 | -                  | $\dashv$                                | +           | ┽            | +            | +       | +        | ╁            | 1        |
|   |                 | 9        |              |           |          |          |          |          |          |          |                            |          | 59       | $\vdash$        | $\forall$ | $\dagger$             | $\dagger$     | +            | $\top$       | $\top$        | H                 |     |              | 109        |                    | $\dashv$                                | $\dashv$    | $\dashv$     | $\dagger$    | $\top$  |          | $\dagger$    | 1        |
|   |                 | 10       |              |           |          |          |          |          |          |          |                            |          | 60       |                 |           | 1                     | Ţ             | Ţ            |              |               |                   |     |              | 110        |                    | $\Box$                                  | $\Box$      |              | $\perp$      | $\Box$  |          |              |          |
|   |                 | 11<br>12 | Н            | _         | $\dashv$ | Н        | -        |          | $\dashv$ | $\dashv$ |                            |          | 61<br>62 | $\vdash$        |           | +                     | +             | +            |              | +             | $\dashv$          |     |              | 111<br>112 | $\left  - \right $ | $\dashv$                                | $\dashv$    | $\dashv$     | +            | +       |          | ╀            | -        |
|   |                 | 13       | T            |           |          |          | -        |          |          | $\dashv$ |                            |          | 63       | $\vdash$        | $\dagger$ | +                     | +             | $\dagger$    | +            | +             | $\forall$         | 1   |              | 113        | $\vdash$           | _                                       | +           | +            | +            | +       | +        | +            |          |
|   |                 | 14       |              |           |          |          |          |          |          |          |                            |          | 64       |                 | $\Box$    | $\perp$               | T             | I            |              | ightharpoonup |                   |     |              | 114        |                    | $\Box$                                  | $\Box$      | $\Box$       | $\perp$      | $\perp$ |          | $\perp$      |          |
|   |                 | 15<br>16 | $\mathbb{H}$ |           |          |          |          |          | $\dashv$ | 4        | _                          |          | 65<br>66 | H               | $\dashv$  | +                     | +             | +            | +            |               | ┼                 |     |              | 115<br>116 | H                  | -                                       | 4           | +            | +            | _       | +        | +-           |          |
|   |                 | 17       | Н            |           |          | Н        | Н        | $\dashv$ | $\dashv$ | $\dashv$ | _                          | -        | 67       | H               | $\dashv$  | +                     | +             | +            | +            | +             | H                 |     |              | 117        | $\vdash$           | $\dashv$                                | $\dashv$    | $\dashv$     | +            | ╅       | ╁        | ╁┈           |          |
|   |                 | 18       |              |           |          |          |          |          |          |          |                            |          | 68       |                 |           |                       |               | 1            |              |               |                   |     |              | 118        |                    |   |             |              |              |         |          |              | ]        |
|   |                 | 19<br>20 | Ш            |           |          |          |          |          | $\dashv$ | -        | _                          |          | 69       | -               | 4         | +                     | $\bot$        | +            | - -          | +             | $\vdash$          |     |              | 119        | $\sqcup$           | $\dashv$                                | 4           | 4            | $\downarrow$ | 4       | +        | ╄            |          |
|   |                 | 21       | v            | _         |          | $\dashv$ |          |          | $\dashv$ | $\dashv$ | -                          | -        | 70<br>71 | $\vdash$        | $\dashv$  | +                     | +             | +            | +            | +             | +                 |     |              | 120<br>121 |                    |   | +           | +            | +            | +       | +        | ╁┈           |          |
|   |                 | 22       |              |           |          |          |          |          |          |          |                            |          | 72       |                 |           |                       |               | İ            |              |               |                   |     |              | 122        |                    | 1                                       |             |              | 1            |         |          |              |          |
|   |                 | 23       | Н            | _         | _        |          |          |          |          | _        | _                          | <u></u>  | 73       |                 | 4         | _                     | _             | 1            | _            | <b>-</b>      | $\sqcup$          |     |              | 123        |                    | _                                       | 4           | 4            | 4            | 4       |          | L            |          |
| i | _               | 24<br>25 |              | _         | -        |          |          |          | Н        |          | _                          |          | 74<br>75 | $\vdash$        | $\dashv$  | -+                    | +             | +            | +            | +             | ╁╌┤               |     |              | 124<br>125 | $\vdash$           | $\dashv$                                | $\dashv$    | +            | +            | +       | +        | ┼            |          |
|   |                 | 26       |              |           |          | Н        | Н        |          | $\dashv$ | $\dashv$ |                            |          | 76       | $\vdash$        | 十         | $\top$                | 十             | $\dagger$    |              | $\top$        | $\dagger \dagger$ |     |              | 126        | Н                  | $\dashv$                                | 7           | _            | $\dagger$    | +       | $\top$   | $\vdash$     |          |
|   |                 | 27       |              |           |          |          |          |          |          |          |                            |          | 77       |                 | $\Box$    | ユ                     |               | 1            | Т            | 工             | $\square$         |     |              | 127        |                    | $\Box$                                  |             |              |              |         |          |              | ]        |
|   |                 | 28<br>29 | -            |           |          | Н        |          |          | $\dashv$ | -        | _                          |          | 78<br>79 | $\vdash$        | +         | +                     | +             | +            | -            | +             | +                 |     |              | 128<br>129 | $\square$          | $\dashv$                                | +           | $\dashv$     | +            | +       | +        | +            | -        |
|   |                 | 30       | Н            | -         |          | -        |          |          |          | +        | $\dashv$                   | $\vdash$ | 80       | $\vdash$        | $\dashv$  | +                     | +             | ╁            | ┰            | +             | Н                 |     |              | 130        | $\vdash$           | $\dashv$                                | $\dashv$    | +            | +            | +       | +        | +-           |          |
|   |                 | 31       |              |           |          |          |          |          |          |          |                            |          | 81       |                 | 丁         |                       |               |              |              | 丄             |                   |     |              | 131        |                    |   |             |              |              |         |          |              | ]        |
|   |                 | 32       |              |           |          | Н        |          |          |          | $\dashv$ | _                          | <u> </u> | 82       | $\sqcup$        | +         | $\perp$               | +             | +            | _            | +             | $\vdash$          |     |              | 132        | $\square$          | _                                       | $\perp$     | _            | 4            | _       | 4        | ↓_           |          |
|   |                 | 33<br>34 | $\dashv$     |           |          |          | Н        |          | $\dashv$ | $\dashv$ | _                          | -        | 83<br>84 | $\vdash$        | +         | +                     | +             | +            | +            | ╁             | ┼┤                | . } |              | 133<br>134 | Н                  | $\dashv$                                | +           | +            | +            | +       | +        | +            |          |
|   |                 | 35       |              |           |          |          |          |          |          |          |                            |          | 85       |                 | $\dashv$  | $\top$                | $\top$        | $\perp$      | $\top$       | 1             |                   | Ì   |              | 135        | Н                  | 7                                       | $\dashv$    | 十            | +            |         | $\vdash$ | $\dagger$    | 1        |
|   |                 | 36       |              |           |          |          |          |          |          |          |                            |          | 86       |                 | $\Box$    | $\perp$               | $\perp$       | Ţ            | $\Box$       | $\perp$       | П                 |     |              | 136        | П                  | $\Box$                                  |             | $\Box$       | $\Box$       |         |          | $oxed{\Box}$ |          |
|   |                 | 37<br>38 | Н            | _         |          | -        |          |          | _        | $\dashv$ | _                          |          | 87<br>88 | $\vdash$        | $\dashv$  | +                     | +             | +            |              | +             | $\vdash$          |     |              | 137<br>138 | <b></b> ,          | $\dashv$                                | $\dashv$    | 4            | +            | _       | +        | -            | -        |
|   |                 | 39       | $\dashv$     |           |          | -        |          |          | $\neg$   | $\dashv$ | -                          |          | 89       | $\vdash$        | +         | ╅                     | +             | +            | +            | ╁             | +-                | ł   |              | 139        | Н                  | $\dashv$                                | $\dashv$    | $\dashv$     | $\dashv$     | +       | +        | +            |          |
|   |                 | 40       |              |           |          |          |          |          |          |          |                            |          | 90       |                 |           |                       |               | 1            |              |               |                   |     |              | 140        |                    |   | 1           |              | $\top$       | 土       |          | 工            |          |
|   |                 | 41       |              |           |          |          |          |          |          |          |                            |          | 91       | $\Box$          | $\dashv$  | $\bot$                | $\bot$        | $\downarrow$ | $\bot$       | $\bot$        | $\Box$            |     |              | 141        |                    | Į                                       | Ţ           | 1            | T            | Ţ       |          | $\vdash$     |          |
|   |                 | 42<br>43 | Н            | $\dashv$  | $\vdash$ | Н        | Н        | $\dashv$ | Н        | +        | $\dashv$                   |          | 92<br>93 | $\vdash$        | +         | +                     | +             | +            | +            | +-            | $\vdash \vdash$   |     |              | 142<br>143 | H                  | $\dashv$                                | $\dashv$    | +            | +            | +       | +        | +            | -        |
|   |                 | 44       | H            |           |          |          | H        |          | $\Box$   |          |                            |          | 94       |                 | 十         | +                     | +             | +            | +            | +             | + +               |     |              | 144        | $\vdash \vdash$    | $\dashv$                                | $\dashv$    | $\dashv$     | +            | +       | +        | +            | 1        |
|   |                 | 45       |              |           |          |          |          |          |          |          |                            |          | 95       |                 | ユ         | 1                     | I             | Ţ            | $\perp$      | 丰             | $\Box$            |     |              | 145        | 口                  | $\Box$                                  | $\exists$   | ightharpoons | #            | $\perp$ |          |              | 1        |
|   | <u></u>         | 46<br>47 | Н            | Щ         | $\dashv$ | $\sqcup$ | $\vdash$ | Н        | $\vdash$ | $\dashv$ | $\dashv$                   |          | 96<br>97 | $\vdash \vdash$ | +         | +                     | +             | 4            | 4            | +             | $\vdash \vdash$   |     |              | 146        | $\vdash \vdash$    | 4                                       | 4           | -            | 4            | _       | -        | $\perp$      |          |
|   |                 | 48       | $\vdash$     |           | $\dashv$ | $\vdash$ | Н        |          | Н        | -        | $\dashv$                   |          | 98       | $\vdash$        | $\dashv$  | +                     | +             | +            | +            | +-            | $\dashv$          |     |              | 147<br>148 | ⊢┤                 | $\dashv$                                | $\dashv$    | $\dashv$     | +            | +       | +        | +            | }        |
|   |                 | 49       |              |           |          |          |          |          |          |          | $\exists$                  |          | 99       |                 | $\top$    | $\dagger$             | +             | +            | +            | +             | +                 |     |              | 149        | H                  | _+                                      | +           | $\dashv$     | $\dashv$     | +       | +        | +            | 1        |
|   |                 | 50       |              |           |          |          |          |          |          |          |                            |          | 100      |                 | $\exists$ |                       | 1             | $\top$       | $\top$       | T             |                   |     |              | 150        |                    |   | T           | 寸            | 十            | T       | $\top$   | T            | 1        |